

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns Harbor - Port of Indiana

Site Abbreviation BHP

Deployment No. 21M

Field Deployment and Recovery

Field Deployment Technician Name Kate Harte Setup Date/Time 10:00 CST

Sample Run Date 8/6/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name Cole Rensburg Recovery Date/Time 8/9/21 10:40

Q _{Std} Avg Flow (liters/min)	<u>208</u>	Actual Start Date/Time	<u>8/6/21/20:00</u>
CV	<u>1.71</u>	Actual Stop Date/Time	<u>8/7/21/00:30</u>
Q _{Std} Volume (m ³)	<u>312.0</u>	T _{amb} Avg (°C)	<u>24.1</u>
Elapsed Time (HH:MM)	<u>24:30</u>	P _{amb} Avg (mmHg)	<u>745</u>
Flags? Expected flags: Completed, Q _{Std}	<u>yes</u>		

Sample Status: VALID VOID (circle one) VOID Reason: _____

Site Observations

Run Day Temperatures: High 80 Low 71 Source: Weather Channel

Run Day Precipitation: NONE

Run Day Wind/Wind Direction: 13 mph SSW

Run Day Sky Cover: Mostly Cloudy

Unusual Events? (fires, major storms, construction, etc.): NONE

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within ± 10 mmHg of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{Std} PUFPLUS ($0.225 \frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes: